

09/856749
531 Rec'd PCT/PTC 24 MAY 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: DC-0155
Inventors: Brinckerhoff et al.
Serial No.: Not Yet Assigned
Filing Date: Herewith
Examiner: Not Yet Assigned
Group Art Unit: Not Yet Assigned
Title: Methods of Diagnosing, Prognosticating
and Treating Matrix Metalloproteinase-1
Related Diseases via a Matrix
Metalloproteinase-1 Single Nucleotide
Polymorphism

"Express Mail" Label No. EL780366072US
Date of Deposit May 24, 2001

I hereby certify that this paper is being deposited
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Assistant Commissioner for Patents, Box PCT,
Washington, D.C. 20231.

By

Deborah Ehret
Typed Name: Deborah Ehret

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R.
§§1.97-1.98, information relating to the above-identified
application is hereby disclosed. Inclusion of information in
this statement is not to be construed as an admission that this
information is material as that term is defined in 37 C.F.R.
§1.56(b).

- (XX) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.
- () In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:
- () Certification in Accordance with §1.97(e) is set forth below; or
- () The fee of \$240.00 as set forth in §1.17(p) is attached.
- () In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(i)(1).
- (XX) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

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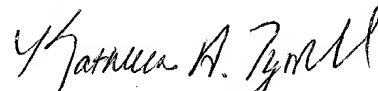
- () In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. _____, filed _____, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

- () The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(XX) All listed references are in the English language.

Respectfully submitted,



Kathleen A. Tyrrell
Registration No. 38,350

Date: May 24, 2001

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Sheet 01 of 02

Form PTO-1449 Modified		Docket No. DC-0155		Serial No. 697856749 Not Yet Assigned		
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Brinckerhoff et al.				
		Filing Date Herewith		Group Not Yet Assigned		
U.S. Department of Commerce Patent and Trademark Office						
U. S. PATENT DOCUMENTS						
Examiner		Document	Date	Name	Class	Subclass
	AA	5,744,442	4-28-98	Richards et al.	514	2
FOREIGN PATENT DOCUMENTS						
Examiner Initial		Document No.	Date	Country	Translation YES NO	
EXAMINER			DATE CONSIDERED			

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce		Docket No. DC-0155	Serial No. 097856749 Not Yet Assigned
		Applicant Brinckerhoff et al.	
		Filing Date Herewith	Group Not Yet Assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Logan et al., "Synergistic Transcriptional Activation of the Tissue Inhibitor of Metalloproteinases-1 Promoter via Functional Interaction of AP-1 and Ets-1 Transcription Factors", <i>J. Biol. Chem.</i> 1996 271(2):774-782	
	AB	Rutter et al., "A Single Nucleotide Polymorphism in the Matrix Metalloproteinase-1 Promoter Creates an Ets Binding Site and Augments Transcription ¹ ", <i>Cancer Research</i> 1998 58:5321-5325	
	AC	Westermarck et al., "Differential regulation of interstitial collagenase (MMP-1) gene expression by ETS transcription factors", <i>Oncogene</i> 1997 14:2651-2660	
	AD	White et al., "ETS Sites in the Promoters of the Matrix Metalloproteinases Collagenase (MMP-1) Stromelysin (MMP-3) are Auxiliary Elements that Regulate Basal and Phorbol-Induced Transcription", <i>Connective Tissue Research</i> 1997 36(4):321-335	
EXAMINER		DATE CONSIDERED	